BRUHAT BANGALORE MAHANAGARA PALIKE

PWD FORM - 45 (WORK SLIP)

Name of Work: Improvements to Roads and Drains in Hosabalunagara and Singapura Garden in Ward No. 11 Kuvempunagara.

Name of Agency: Subbanna, Contractor, Singapura, Vidyaranyapura Post, Bangalore - 97.

Estimated Cost: 10,00,000.00

D.R. No. 189/12-13

Tender Amount : Rs. 8,87,950.90

Work Order No. EE/BTP/BBMP/E-TND/05(62)/175/2012-13 Dated: 06.11.2012.

SL. No.	Description	Unit	Qty. as per Sanctioned Estimate			Qty. as per Tender			Actual executed Qty.	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total Executed Amount	Savings	Excess	Remarks
			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2013-14+ T.P	Amount				
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*	*11*	*12*	*13*	*14*	*15*	*16*	*17*	*18*	*19*	*20*
1	KSRRB 300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and	Cum	307.80	62.86	19348.31	307.80	60.97	18766.57	310.49	310.49	60.97	18930.00				18930.00		163.43	
2	KSRRB 300-2 : Earth work excavation by manual means in Hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides	Cum	134.80	87.05	11734.34	134.80	84.44	11382.51	134.92	134.92	84.44	11393.00				11393.00		10.49	
3	Removing B.S. Slab Drain and stacking	Sqm	182.25	47.52	8660.52	182.25	46.09	8399.90	182.66	182.66	46.09	8419.00				8419.00		19.10	
4	Refixing stone slabs of drains and pointing in CM (1:3)	Sqm	182.25	60.18	10967.81	182.25	58.37	10637.93	182.66	182.66	58.37	10662.00				10662.00		24.07	
5	Providing **7.5 cms thick** granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete	Sqm	144.00	332.37	47861.28	144.00	322.40	46425.60	322.58	180.00	322.40	58032.00	142.58	343.44	48968.00	107000.00		60574.40	
6	KSRRB M300-53. Construction of embankment with approved materials Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to	Cum	192.38	146.88	28256.77	192.38	142.47	27408.38	192.74	192.74	142.47	27460.00				27460.00		51.62	
7	KSRB 4-1.3 : Providing and laying in position **plain cement concrete of mix M7.5 with OPC cement @ 180 Kgs** using 40mm and down size graded granite metal, corse aggregates @ 0.85 cum and fine aggregtes @	Cum	5.94	3939.41	23400.10	5.94	3821.23	22698.11	6.05	6.05	3821.23	23111.00				23111.00		412.89	
8	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation **cement mortar 1:6**, stone hammered dressed in courses not less than 20 cms high,	Cum	15.84	2827.87	44793.46	15.84	2743.03	43449.60	16.13	16.13	2743.03	44240.00				44240.00		790.40	

Executive Engineer
Byatarayanapura Division
Yelahanka Zone, B.B.M.P.

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			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2013-14+ T.P	Amount				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
9	KSRB 4-1.6 : Providing and laying in position plain cement concrete of **mix M15 with cement @ 240 kgs with 20mm** and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum,	Cum	2.64	4462.34	11780.58	2.64	4328.47	11427.16	2.69	2.69	4328.47	11635.00				11635.00		207.84	
10	KSRB 15.1.1 Providing flush pointing to square rubble, course or uncoursed stone masonry with **cement mortar 1:3,** 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing	Sqm	26.40	75.84	2002.18	26.40	73.56	1941.98	26.88	26.88	73.56	1977.00				1977.00		35.02	
11	KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string	Sqm	79.04	221.40	17499.46	79.04	214.76	16974.63	82.34	82.34	214.76	17684.00				17684.00		709.37	
12	KSRB 4.2.2 : Providing and laying in position **reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm** and down size graded granite metal coarse aggregates @ 0.878cum and fine	Cum	8.94	5296.75	47352.95	8.94	5137.85	45932.38	9.27	9.27	5137.85	47646.00				47646.00		1713.62	
13	KSRB 4.9.2:providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever	Qtl	7.60	7347.82	55843.43	7.60	7127.39	54168.16	7.88	7.88	7127.39	56182.00				56182.00		2013.84	
14	Providing, laying, spreading and compacting graded stone aggregate to **wet mix macadam** specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver	Cum	192.38	1060.56	204030.53	192.38	1028.74	197909.00	193.13	193.13	1028.74	198675.00				198675.00		766.00	
15	KSRRB 500-1.1 : Cleaning the existing WBM road surface including removing of binding materials and other foreign matter with wire bushes and small picks, sweeping with brooms or soft brushes and finally dusting with old	Sqm	1282.50	10.04	12876.30	1282.50	9.74	12491.55	1287.50	1287.50	9.74	12540.00				12540.00		48.45	
16	KSRRB M500-6: Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of	Sqm	1282.50	40.59	52056.68	1282.50	39.37	50492.03	1287.50	1287.50	39.37	50689.00				50689.00		196.98	

Executive Engineer
Byatarayanapura Division
Yelahanka Zone, B.B.M.P.
Bangalore - 560 092

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			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2013-14+ T.P	Amount				
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*	*11*	*12*	*13*	*14*	*15*	*16*	*17*	*18*	*19*	*20*
17	KSRRB M500-18: Providing and laying **semi dense bituminous concrete** 25mm thick with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous	Cum	32.06	8882.32	284767.18	32.06	8615.85	276224.15	32.19	32.19	8615.85	277323.00				277323.00		1098.85	
18	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (	Cum	442.60	72.71	32181.45	442.60	70.53	31216.58	445.40	445.40	70.53	31414.00				31414.00		197.42	
19	Miscelaneous and unforgen charges	LS			84587.00														
	Total				**1000000.00**			**887946.22**				**908012.00**			**48968.00**	**956978.00**	**0.00**	**69033.78**	

7.77 Above

SUMMARY:

1 **Estimated Cost : Rs. 10.00 Lakhs**

2 **Tender Cost : Rs. 8.87 Lakhs**

3 **Executed Cost: Rs. 9.57 Lakhs**

4 **During execution as per requirement and site condition, the executed Qty. costs Rs. 9.57 Lakhs which is 7.77% ABOVE the Tender cost. The proposal may kindly be approved.**

Assistant Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division, Bangalore - 92